## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |  |  |
|---------------------------|----------|--------|----------|--|--|
| FBE DECERMINATION         | SL       |        | 8-38-01  |  |  |
| O.I.P.E. CLASSIFIER       | mby      | 50     | 08-30-a  |  |  |
| FORMALITY REVIEW          | Tha      | 946    | 09/27/01 |  |  |
| RESPONSE FORMALITY REVIEW |          | V      |          |  |  |

## **INDEX OF CLAIMS**

| ✓ Rejected                   | N Non-electe   | d |
|------------------------------|----------------|---|
| = Allowed                    | 1 Interference | e |
| _ (Through numeral) Canceled | A Appeal       |   |
| ÷ Restricted                 | O Objected     |   |

|           |                 |               |          |  |          | ÷  | ••           | •••••    | •••••                                  | • • • • •    |  | ••••• | ⊦        | {€       |
|-----------|-----------------|---------------|----------|--|----------|--|--------------|----------|--|--------------|--|-------|----------|----------|
| Cla       | im              | <del></del>   |          |  |          | Da   | te           |          |  |              |  |       | Cla      | Lir      |
| Final     | Original        |               |          |  |          |  |              |          |  |              |  |       | Final    |          |
| <u> </u>  | . 1             | <b>&gt;</b>   |          | -  |          |  |              |          |  |              |  |       | _        | !        |
|           | (A)             | 5             |          |  |          |  |              |          |  |              |  |       |          | Ŀ        |
|           | 3               | П             |          |  |          |  |              |          |  |              |  |       |          | Ŀ        |
|           | 4               |               |          |  |          |  | $oxed{oxed}$ |          |  |              |  |       |          | Ŀ        |
|           | E               |               |          |  |          |  | <del> </del> | 1        | <u> </u>                               |              |  |       | <u> </u> | ŀ        |
| <u> </u>  | 6               |               |          |  |          | <u> </u>   | ļ            | ↓_       | <u> </u>                               |              | -  |       |          | Ľ        |
| <u> </u>  | 7               |               | _        |  |          | <del> </del>                                     | ╀            | ļ        | _                                      |              |  |       | <u> </u> | ŀ        |
| )<br>├──- | 8<br>(10<br>(11 |               |          |  |          | -  | -            | $\vdash$ | <del> </del>                           |              |  |       | <u> </u> | ŀ        |
|           | 100             | (             |          |  |          | -  | ╁            | +        | $\vdash$                               |              | $\dashv$   |       | -        | t        |
| -         | 111             | 7             |          | -  |          | -  | +            | +-       | -                                      | -            | $\vdash$   |       | $\vdash$ | t        |
| $\vdash$  | 12              | 1             |          |  | _        | -  | <del> </del> | +        | -                                      |              |  |       | _        | t        |
| $\vdash$  | 13              |               |          |  | 一        | ✝  | †            | 1-       | <b>†</b>                               | -            |  |       |          | ţ        |
|           | 14              |               |          |  |          |  | 1            |          |  |              |  |       |          | Ī        |
|           | 15              | -             |          |  |          |  |              |          |  |              |  |       |          | ŀ        |
|           | 16              |               |          |  |          |  |              |          |  |              |  |       |          | <u> </u> |
| ·         | 17              |               |          |  |          |  |              | 1        | <u> </u>                               |              |  |       | <u> </u> | 1        |
| <u>L</u>  | 18              |               |          |  | _        | _  | 1            | _        | ــــــــــــــــــــــــــــــــــــــ |              |  |       |          | +        |
| 4         | 19              |               |          |  | _        | _  | $\perp$      | —        | igapha                                 | <del> </del> | _  |       | _        | 1        |
|           | 20              |               |          |  |          | _  | ┸-           | $\perp$  | <u> </u>                               | _            |  |       | _        | 1        |
| _         | 21              |               |          | _  |          | igspace  | _            | _        | -                                      | <del> </del> |  |       | _        | +        |
|           | 22              | 1             |          | _  | _        | -  | ┿            | -        | $\vdash$                               | -            | _  |       | $\vdash$ | +        |
| <u> </u>  | 24              |               |          | -  | $\vdash$ | +-   | ╀            | +        | ┼-                                     | ╀            | -  |       |          | +        |
| $\vdash$  | 25              |               | _        | -  | -        | +  | +-           | +-       | ╁┈                                     | -            |  |       |          | +        |
| -         | 28              | '.            |          | -  | $\vdash$ | +  | +-           | +-       | +-                                     | +            | -  |       | -        | †        |
|           | 27              | 1,            |          | $\vdash$   | $\vdash$ | <del>                                     </del> | +-           | +        |  |              | <del>                                     </del> |       |          | †        |
| -         | 28              |               |          |  |          | T  | T            |          |  |              |  |       |          |          |
|           | 29              |               |          |  |          |  |              |          |  |              |  |       |          |          |
|           | 30              |               |          |  |          |  |              |          |  |              |  |       |          | 1        |
|           | 31              | $\overline{}$ | _        | <u> </u>   | L        | _  | _            | $\perp$  | _                                      | 1            | _  |       |          | 1        |
|           | 32              | <del></del>   | _        | _  | _        | 1  | 1            | _        | $\perp$                                | 1            | _  |       |          |          |
| -         | 33              |               |          | ऻ_   | -        | -  | -            | -        | -                                      | ┼            | -  |       | -        | +        |
| $\vdash$  | 34              | _             |          | ╀  | -        | +  | ╁            | +        | +-                                     | +-           |  |       | -        | +        |
| -         | 36              |               |          | -  | $\vdash$ | +  | +            | +        | +-                                     |              | 21   |       | -        | 1        |
| -         | 37              | -             |          |  | +        | +  | 1            |          |  |              |  | 1     | Γ.       | 1        |
|           | 38              | 1             |          | +-   |          | +  | $\top$       | +        | $\top$                                 |              |  | 1     |          | 1        |
| -         | 39              | 1             |          | <del>                                     </del> | T        | +  | 1            |          |  |              |  |       |          |          |
|           | 40              |               | Γ        |  | Τ        | Τ  |              | $\top$   |  |              |  |       |          |          |
|           | 41              | ı             |          |  | Τ        | 1  | $\top$       | T        |  |              |  |       |          |          |
|           | 42              | _             |          |  |          |  |              |          |  |              |  |       |          |          |
|           | 43              | _             |          |  |          |  |              |          |  |              | ļ  |       |          |          |
| L         | 44              |               | L        | $\perp$  |          | <u> </u>   |              |          |  |              |  |       |          | _        |
|           | 45              |               | _        | _  | 1        | _  | _            | _        | _                                      | +            | _  |       |          | 4        |
| _         | 46              |               | _        | -  | 1        | 1  | $\perp$      | -        | +                                      | -            | +  | -     | -        | _        |
| -         | 47              |               | -        | $\vdash$   | +        | -  | +            |          | +                                      | -            | -  | -     | -        | _        |
| -         | 48              |               | $\vdash$ | -  | +        | +  | +            |          | +                                      | +            | +-   | 1     | $\vdash$ | _        |
| -         | 50              | <del></del>   |          | -  | +-       | +  | +            | +        | +-                                     | +            | +  | 1     | $\vdash$ | _        |

| Cla          | Claim Date    |          |              |          |  |  |              |  |  | $\neg$       |          |
|--------------|---------------|----------|--------------|----------|--|--|--------------|--|--|--------------|----------|
| J.,          | $\Box$        | 7        |              |          |  |  |              |  |  |              | $\dashv$ |
| Final        | Original      |          |              |          |  |  |              |  |  |              |          |
|              | 51            | 一        |              |          |  |  |              |  |  |              |          |
|              | 52            | ~†       | ┪            |          |  |  |              |  |  |              |          |
| _            | 53            | 十        |              |          |  |  |              |  |  |              |          |
| <del>-</del> | 54            | $\dashv$ | ┪            |          |  | 一  |              |  |  |              | $\dashv$ |
|              | 55            | _        | $\dashv$     |          |  |  |              |  |  |              | П        |
| $\vdash$     | 56            | $\dashv$ |              |          | $\vdash$   |  |              |  |  |              |          |
|              | 57            | †        | $\dashv$     |          | -  |  |              |  |  |              | П        |
|              | 58            | 一        | 1            |          |  |  | <u> </u>     | -  |  |              |          |
| $\vdash$     | 59            |          |              |          |  | $\vdash$   |              |  |  |              | П        |
| -            | 60            | -        |              |          | -  |  |              |  |  |              | M        |
| $\vdash$     | 61            | _        |              |          |  |  | <b> </b>     | -  |  | _            |          |
| _            | 62            |          |              |          |  |  |              |  | _  |              | $\Box$   |
|              | 63            | 寸        |              |          |  |  | <b>-</b>     |  |  | $\vdash$     |          |
| -            | 64            | _        |              |          | _  | $\vdash$   | 1            |  |  |              | Н        |
| -            | 65            | $\dashv$ |              |          |  | <b> </b>   |              |  |  |              | М        |
| -            | 66            | _        |              |          | $\vdash$   | <del>                                     </del> | 1            |  |  |              |          |
| -            | 67            | _        | _            |          | -  | $\vdash$   | 1            |  |  | <u> </u>     |          |
| $\vdash$     | 68            | _        |              |          | <del>                                     </del> | ┢  |              |  |  | $\vdash$     |          |
| $\vdash$     | 69            | 1        | _            |          |  | $\vdash$   |              |  |  | $t^-$        |          |
| -            | 70            |          |              |          | $\vdash$   | <b>-</b>   |              | <del>                                     </del> |  | $\vdash$     | $\vdash$ |
| $\vdash$     | ++            |          |              | _        | -  | ┼  | -            | $\vdash$   | -  | -            |          |
| _            | 71            | $\dashv$ |              |          | ├-   | -  | $\vdash$     | $\vdash$   | -  | <del> </del> | -        |
| $\vdash$     | 72<br>73      |          |              |          | -  | <del> </del>                                     | +            | -  | $\vdash$   | ╁            | ┼        |
| $\vdash$     | 74            |          |              |          | ╁─   | +-   | <del> </del> | ╁  |  | -            | +        |
| -            | 75            |          |              | $\vdash$ | ┞  | ╁  | +            | -  | -  | ╁            |          |
| -            | 76            |          |              | -        | -  | -  | <del> </del> | $\vdash$   |  | <del> </del> | -        |
| $\vdash$     | 77            | -        |              |          | $\vdash$   |  | +            | ┼  | -  | +            |          |
| $\vdash$     | 78            |          |              |          | +  | +  | ┼-           | -  |  | $\vdash$     | $\vdash$ |
| $\vdash$     | 79            | -        |              |          |  | +  | +            | -  |  | -            |          |
| $\vdash$     | 80            |          |              |          | -  | +  | +-           | $\vdash$   | $\vdash$   | ╁            |          |
| -            | 81            | _        |              | -        | $\vdash$   | ┼-   | +            | $\vdash$   |  | +            | +-       |
| $\vdash$     | 82            |          |              | -        | +  | +  | -            | $\vdash$   | ┢  | +            | -        |
| $\vdash$     | 83            |          | _            | -        |  | -  | 1            |  |  | -            |          |
| -            | 84            |          |              | -        | -  | +  | -            | +  |  | -            | +        |
| -            | 85            |          |              | -        | +-   | -  | +            | -  | $\vdash$   | 十            | +        |
| -            | 86            |          |              | $\vdash$ | +  | +  | ╁            | +  | -  | ┼┈           | +        |
| Γ.           | 8/            |          |              | ╁        | -  | +  | +-           | <del>  -</del>                                   | ╁  | +            | +-       |
| -            | 88            |          |              | -        | ┼-   | +  | ╁┈           | +  | $\vdash$   | ╫            | +        |
| $\vdash$     | 89            |          | _            | -        | +-   | +-   | +            | +-   | ╫  | +            | +-       |
| -            | 90            | _        |              | $\vdash$ | 十  | +  | +-           | +  | <del>                                     </del> | +            | +-       |
| -            | 91            |          | _            | -        | +-   | +  | +            | ╁  | ┼  | +            | +        |
| $\vdash$     |               | _        |              | ┼        | +-   | +-   | ╀            | <del> </del>                                     | ┼-   | +            | +        |
| -            | 92            |          | -            | -        | +  | -  | +            | +-   | +  | +            | +        |
| -            | 93            |          |              | +        | +-   | +  | +            | +-   | +  | +            | +-       |
| -            | 94<br>95      |          | <u> </u>     | -        | +  | ╂  | +            | +  | +  | -            | +        |
| $\vdash$     | $\rightarrow$ | -        | -            | -        | +  | +-   | +-           |  | +  | -            | +        |
| -            | 96            |          |              | $\vdash$ | +-   | +  | +-           | +  | -  | +-           | -        |
|              | 97            |          | _            | $\vdash$ | +  | +  | +-           | -  | +  | +            | -        |
| -            | 98            |          | <del> </del> | -        | +  | +  | +            |  | +  | +            | +        |
| -            | 99            | _        |              | +        | +-   | -  | +-           | +  | -  | +            | +        |
| $\Box$       | 100           |          | 1            | .l       |  | 1_   |              |  |  | <u> </u>     |          |

| Cla      | im       |               |           | _            |  | Dat          | е              | <u> </u> |              |              |              |
|----------|----------|---------------|-----------|--------------|--|--------------|----------------|----------|--------------|--------------|--------------|
| Final    | Original |               |           |              |  |              |                |          |              |              |              |
|          | 101      |               |           |              |  |              |                |          |              |              |              |
|          | 102      |               |           |              |  |              |                | 一        | _            |              | П            |
|          | 103      | T,            |           |              |  |              |                |          |              |              |              |
|          | 104      |               |           |              |  |              |                | $\neg$   |              |              | H            |
|          | 105      |               |           |              |  |              |                |          |              |              | Н            |
|          | 106      |               |           |              |  |              |                |          |              |              | П            |
|          | 107      |               |           |              | -  |              |                |          |              |              |              |
|          | 108      |               |           |              |  |              |                |          |              |              |              |
|          | 109      |               |           |              |  |              |                |          |              |              |              |
|          | 110      |               |           |              |  |              |                |          |              |              |              |
|          | 111      |               |           |              |  |              |                |          |              |              |              |
|          | 112      |               |           |              |  |              |                |          |              |              |              |
|          | 113      |               |           |              |  |              |                |          |              |              |              |
|          | 114      |               |           |              |  |              |                |          |              |              |              |
|          | 115      |               |           |              |  |              |                |          |              |              |              |
|          | 116      |               |           |              |  | L            | ļ              |          |              | <u> </u>     |              |
|          | 117      |               |           |              |  | _            |                |          | <u> </u>     |              | <u> </u>     |
|          | 118      |               |           |              | <u> </u>   | <u> </u>     | <u> </u>       |          |              |              | <u> </u>     |
|          | 119      | +             | _         |              | <u> </u>   |              | <u> </u>       |          | _            | <u> </u>     |              |
|          | 120      | _             |           |              |  |              |                |          |              |              |              |
|          | 121      |               |           |              | <u> </u>   | lacksquare   | _              |          |              | _            | <u> </u>     |
|          | 122      |               | <u> </u>  | _            |  |              | <u> </u>       |          | _            | _            | <u> </u>     |
| L        | 123      | 1             |           |              | <u> </u>   |              |                |          | ļ            |              | <u> </u>     |
|          | 124      | +             |           | _            | igspace  | <u> </u>     |                | <u> </u> | _            | _            | ļ            |
| <u> </u> | 125      | +             | -         |              | ļ  | -            | <del> </del> - | ├-       | -            | -            | -            |
| _        | 126      | •             |           | _            | -  | ┼            | -              | -        |              | -            | $\vdash$     |
| -        | 127      | <del></del> - |           |              | ╀  |              | $\vdash$       |          | ├            | +            | <del> </del> |
| _        | 129      |               | -         | $\vdash$     | ┼  | ╁            | -              | ├-       |              | +            | <del> </del> |
| $\vdash$ | 130      | -             | ┼-        | <del> </del> | +  | ┼            | ┼              | ┼┈       | <del> </del> | -            | <del> </del> |
| -        | 131      | +             | 1         | $\vdash$     | $\vdash$   | +            | +              | -        | $\vdash$     | <del> </del> | -            |
|          | 132      | •             | -         | -            | -  | -            | -              | <u> </u> | $\vdash$     | 十            | $\vdash$     |
|          | 133      | +             | +         | -            | <del> </del>                                     | ┼─           | ┼-             | $\vdash$ | 1            | 1            | $\top$       |
| $\vdash$ | 134      |               | $\vdash$  |              | +  | $\dagger$    | T              | †-       | -            | 1            | 1            |
|          | 135      | 1             | $\dagger$ | -            | 1  | -            | 1              | -        |              | 1            |              |
| -        | 136      |               | 1         | $\vdash$     |  | +            | 1              | <u> </u> | $\top$       | T            |              |
|          | 137      |               |           | 1            | <del>                                     </del> | T            | †              |          |              |              |              |
|          | 138      | <del></del>   | <u> </u>  | T            |  | 1            |                |          |              |              |              |
|          | 139      | →             |           |              |  |              |                |          |              |              |              |
|          | 140      |               |           | Τ            |  |              |                |          |              |              |              |
| -        | 14       | 1             | 1.        |              |  |              |                |          |              | _            |              |
|          | 14       | 2             |           |              |  |              |                |          |              | $\perp$      | ↓_           |
|          | 14       | 3             |           |              |  |              |                | _        | _            | _            | -            |
|          | 14       |               |           |              |  | $\perp$      | ↓              | _        | _            | +            | 4-           |
|          | 14       | <del></del>   | 1         | ļ            |  | _            | -              | -        | +-           | +-           | -            |
| _        | 140      |               |           | $\perp$      | _  | <del> </del> | -              | -        | +-           | +-           | +-           |
| _        | 14       | <b>⊣</b> —    | $\perp$   | -            | _  | -            | -              | -        | +-           | +-           | +-           |
| -        | 14       | -+            | +         | -            | +  | -            | +-             | +        | +            | +            | +            |
| -        | 15       |               | +-        | +            | -  |              | +-             | +-       | +-           | +            | 1            |
| L        | 113      | <u> </u>      |           | 1            | ــــــــــــــــــــــــــــــــــــــ           | _            | _1             |          |              |              |              |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

